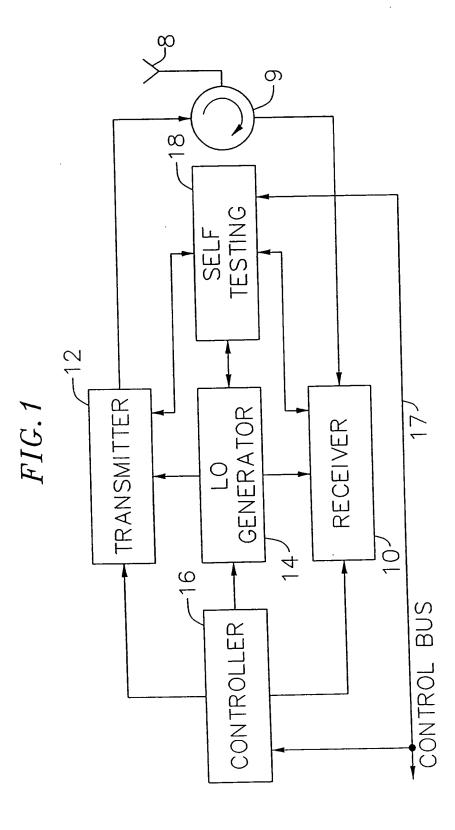


TITLE: Adaptive Radio Transceiver With Typhase Calibration
ENTOR: Stephen Wu et al.
APPLICATION NO.: 09/692,654,
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ATTORNEY: M.T.Cruz, PHONE: 312-775-8000

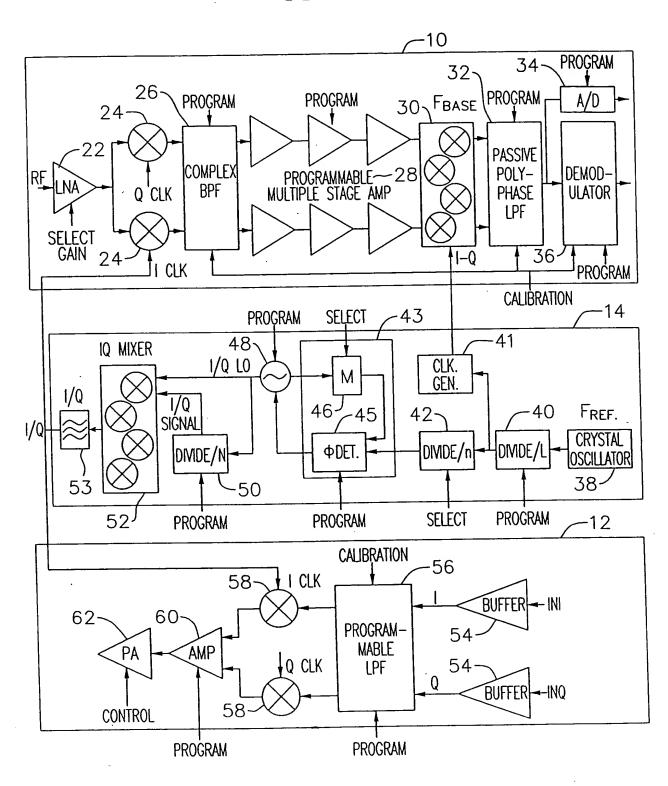




TITLE: Adaptive Radio Transceiver With Polyphase Calibration INVENTOR: Stephen Wu et al

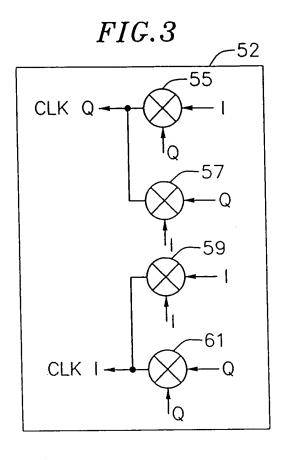
INVENTOR: Stephen Wu et al APPLICATION NO.: 09/692,654, CONF. NO. 7167; DOCKET NO. 15266US01 ATTORNEY: M.T.Cruz, PHONE: 312-775-8000

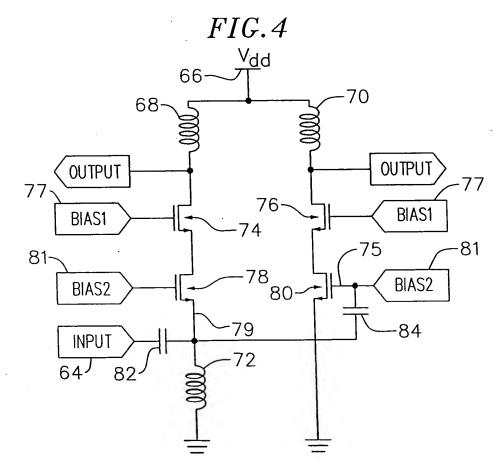
FIG.2





TITLE: Adaptive Radio Transceiver With Polyphase Calibration INVENTOR: Stephen Wu et al APPLICATION NO.: 09/692,654, CONF. NO. 7167; DOCKET NO. 15266US01 ATTORNEY: M.T.Cruz, PHONE: 312-775-8000

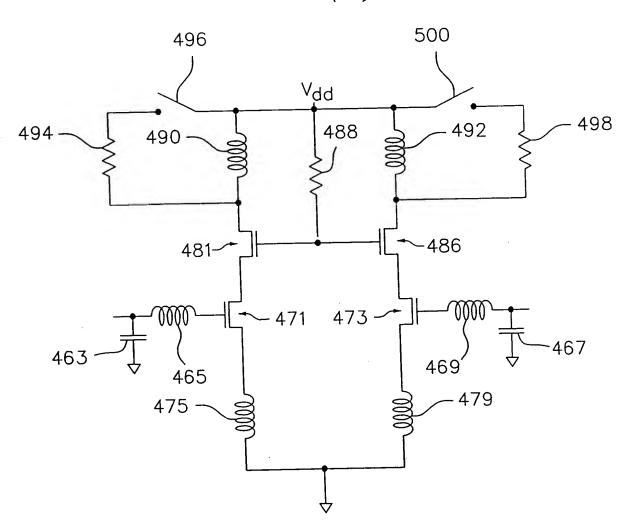






TITLE: Adaptive Radio Transceiver With Polyphase Calibration INVENTOR: Stephen Wu et al APPLICATION NO.: 09/692,654, CONF. NO. 7167; DOCKET NO. 15266US01 ATTORNEY: M.T.Cruz, PHONE: 312-775-8000

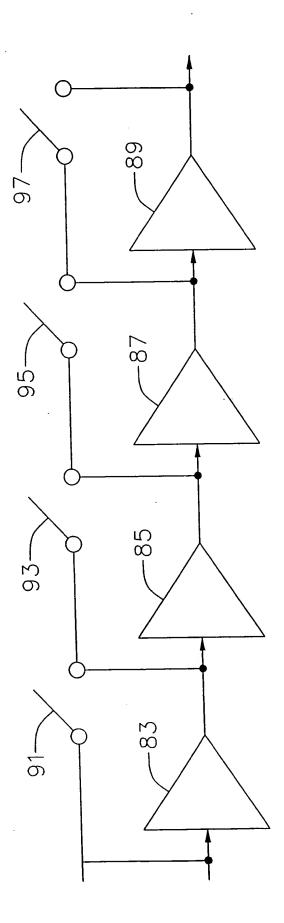
$FIG.4(\alpha)$





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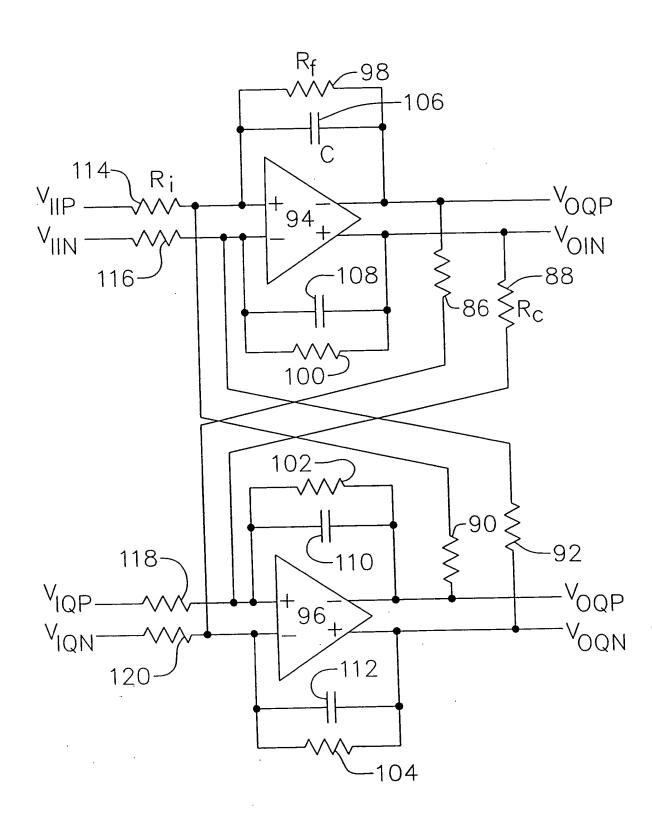






TITLE: Adaptive Radio Transceiver With Polyphase Calibration INVENTOR: Stephen Wu et al APPLICATION NO.: 09/692,654, CONF. NO. 7167; DOCKET NO. 15266US01 ATTORNEY: M.T.Cruz, PHONE: 312-775-8000

FIG.6





TITLE: Adaptive Radio Transceiver With phase Calibration
NTOR: Stephen Wu et al
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FIG. 7 $|H(\cdot,\cdot)|$ 2RC -2Q/RC 2Q/RC 124

FIG.8

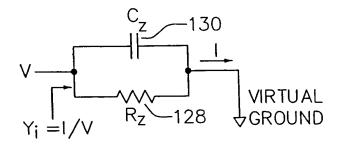
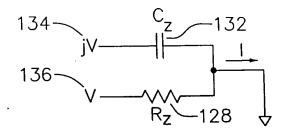


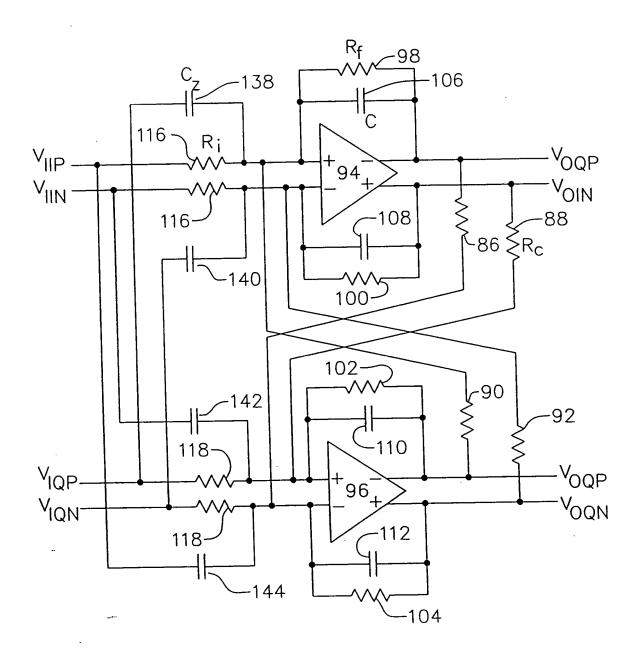
FIG.9





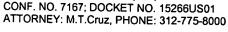
TITLE: Adaptive Radio Transceiver With Polyphase Calibration INVENTOR: Stephen Wu et al APPLICATION NO.: 09/692,654, CONF. NO. 7167; DOCKET NO. 15266US01 ATTORNEY: M.T.Cruz, PHONE: 312-775-8000

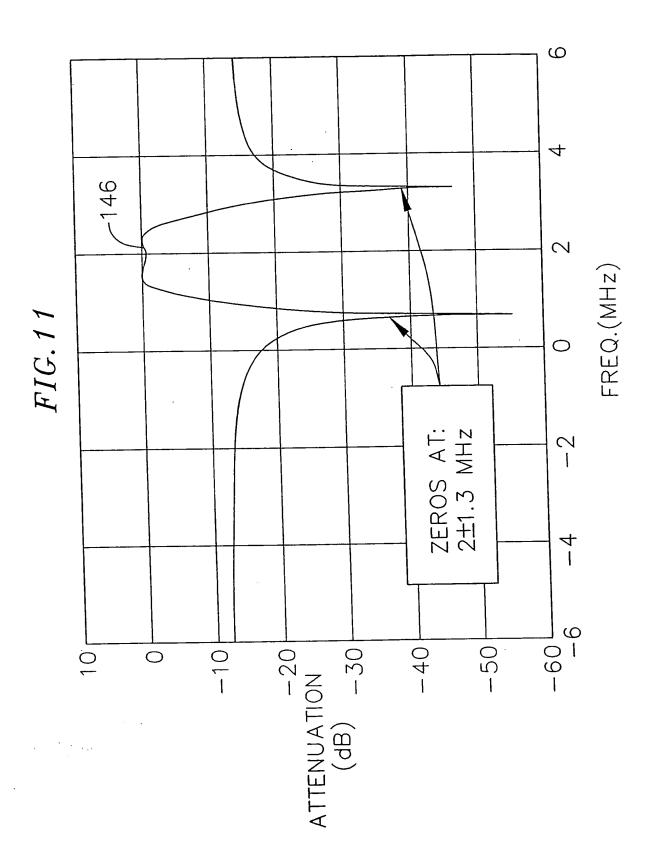
FIG. 10





TITLE: Adaptive Radio Transceiver With Polyphase Calibration INVENTOR: Stephen Wu et al APPLICATION NO.: 09/692,654, CONF. NO. 7167; DOCKET NO. 15266US01





TITLE: Adaptive Radio Transceiver With Polyphase

Dibration ENTOR: Stephen Wu et al APPLICATION NO.: 09/692,654, CONF. NO. 7167; DOCKET NO. 15266US01 ATTORNEY: M.T.Cruz, PHONE: 312-775-8000

FIG. $12(\alpha)$

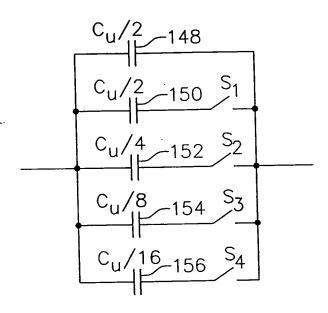


FIG. 12(b)

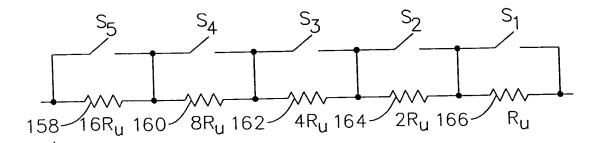
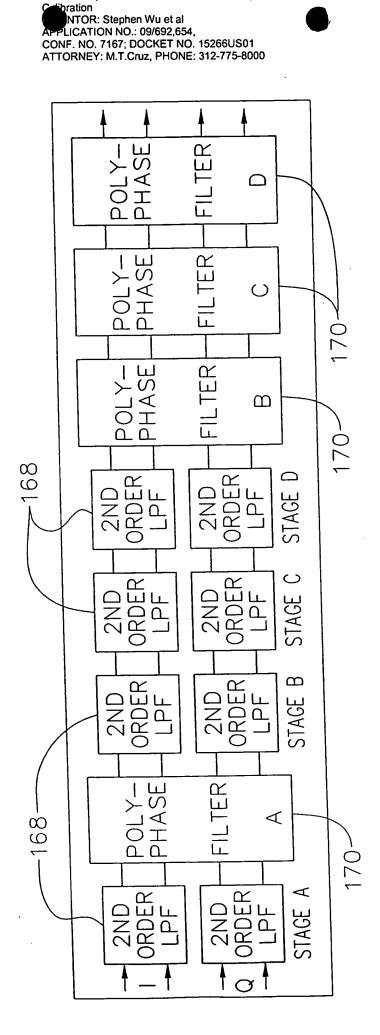




FIG. 13

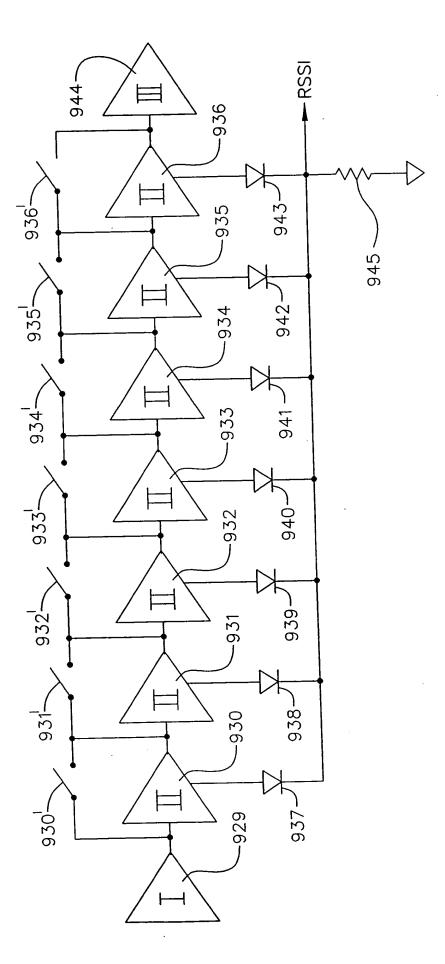


TITLE: Adaptive Radio Transceiver With Polyphase



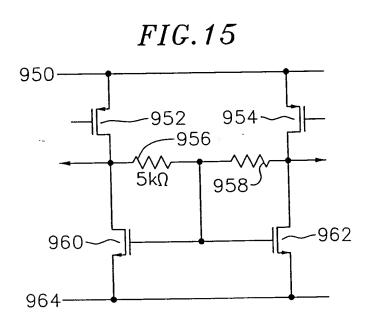
FIG. 14

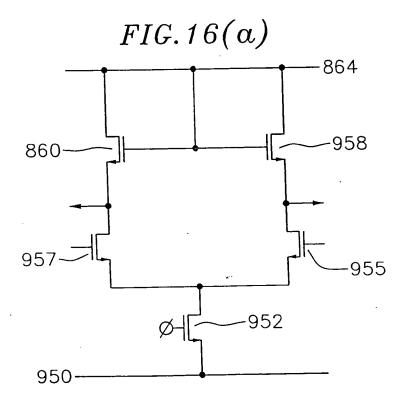
TITLE: Adaptive Radio Transceiver With Polyphase Capital On INV. OR: Stephen Wu et al APPLICATION NO.: 09/692,654, CONF. NO. 7167; DOCKET NO. 15266US01 ATTORNEY: M.T.Cruz, PHONE: 312-775-8000



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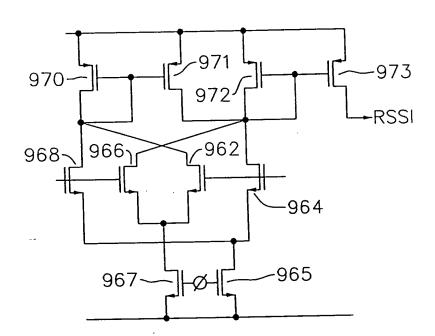




TILE: Adaptive Radio Transceiver With Polyphase

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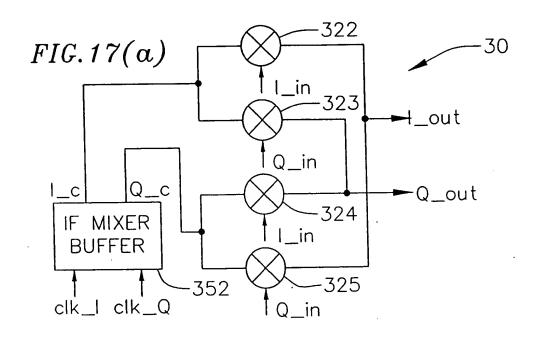
FIG. 16(b)

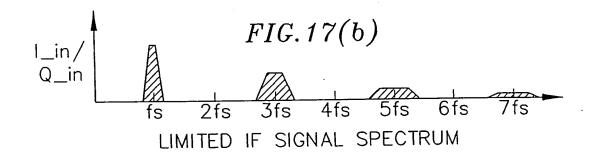


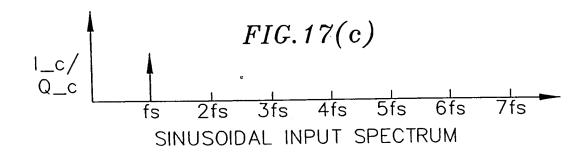


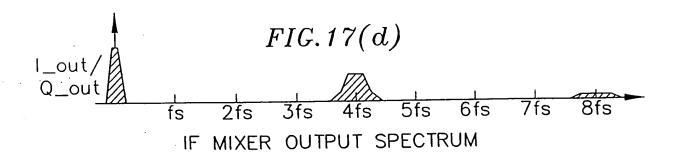
TITLE: Adaptive Radio Transceiver With Polyphase alibration
NVENTOR: Stephen Wu et al

APPLICATION NO.: 09/692,654,







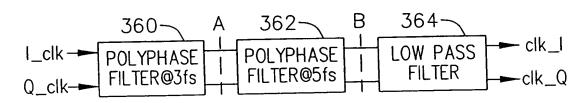




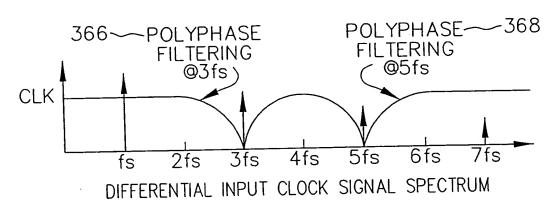
: Adaptive Radio Transceiver With Polyphase

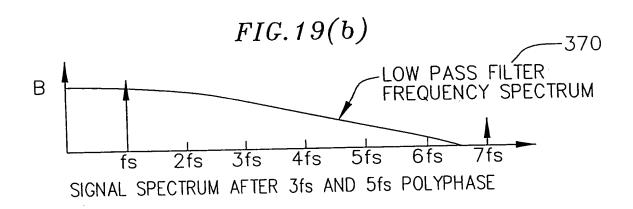
INVENTOR: Stephen Wu et al APPLICATION NO.: 09/692,654,

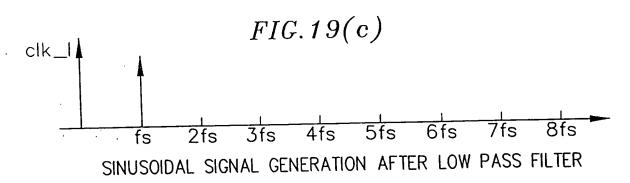
FIG. 18



 $FIG.19(\alpha)$









TITLE: Adaptive Radio Transceiver With Polyphase Calibration

INVENTOR: Stephen Wu et al APPLICATION NO.: 09/692,654,

 $FIG.20(\alpha)$

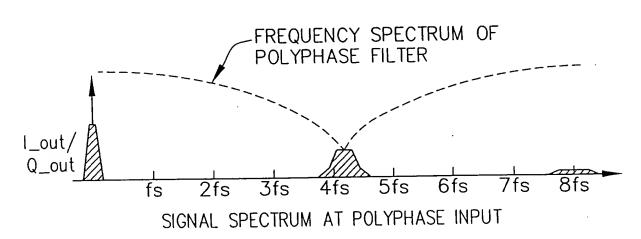
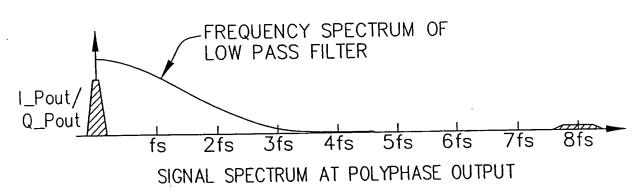
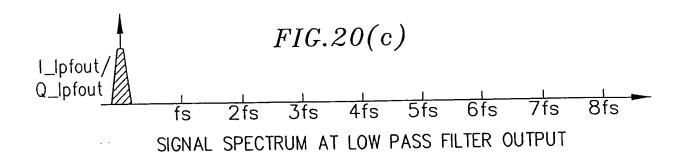


FIG.20(b)







TITLE: Adaptive Radio Transceiver With Polyphase bration

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FIG.21

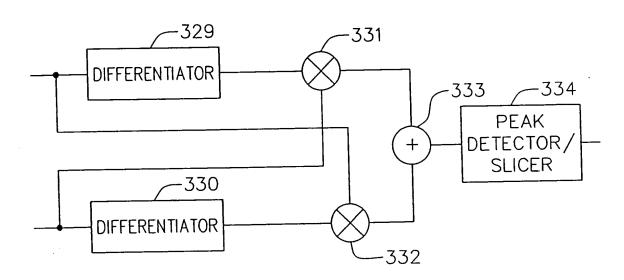
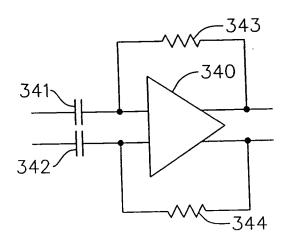


FIG.22





TITLE: Adaptive Radio Transceiver With Polyphase bration

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FIG.23

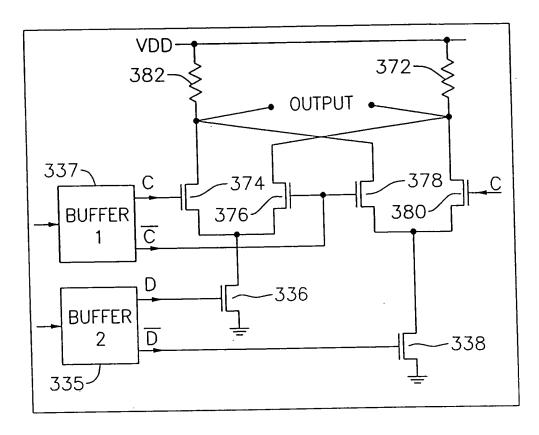
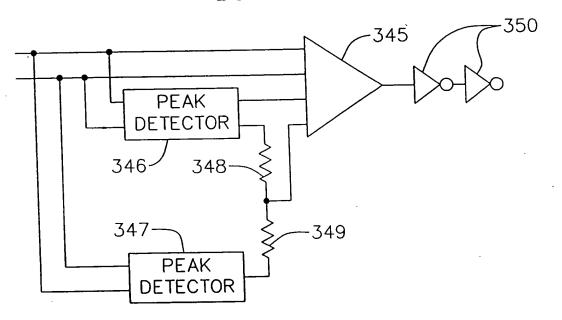


FIG.24





TITLE: Adaptive Radio Transceiver With Polyphase Calibration

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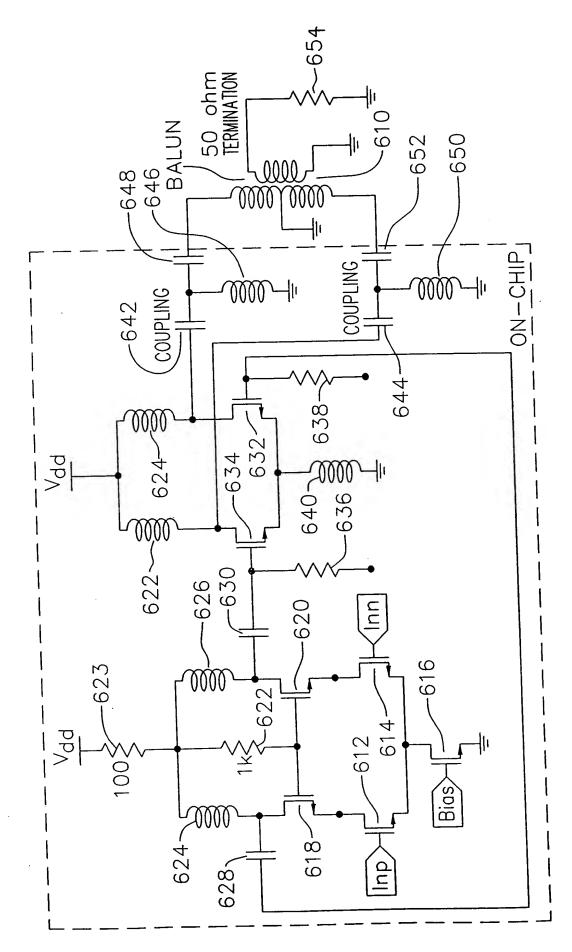


FIG.25



TITLE: Adaptive Radio Transceiver With Polyphase

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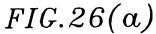
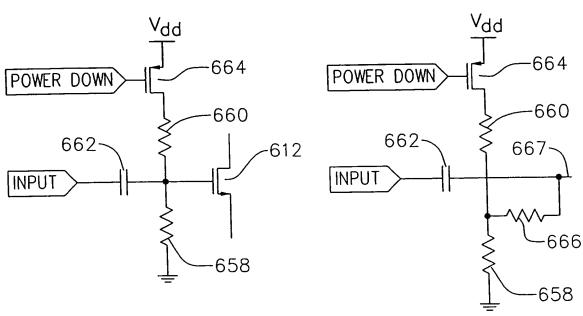


FIG.26(b)



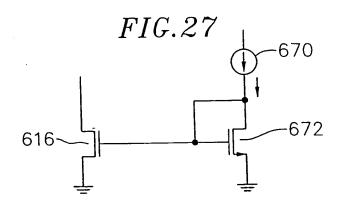
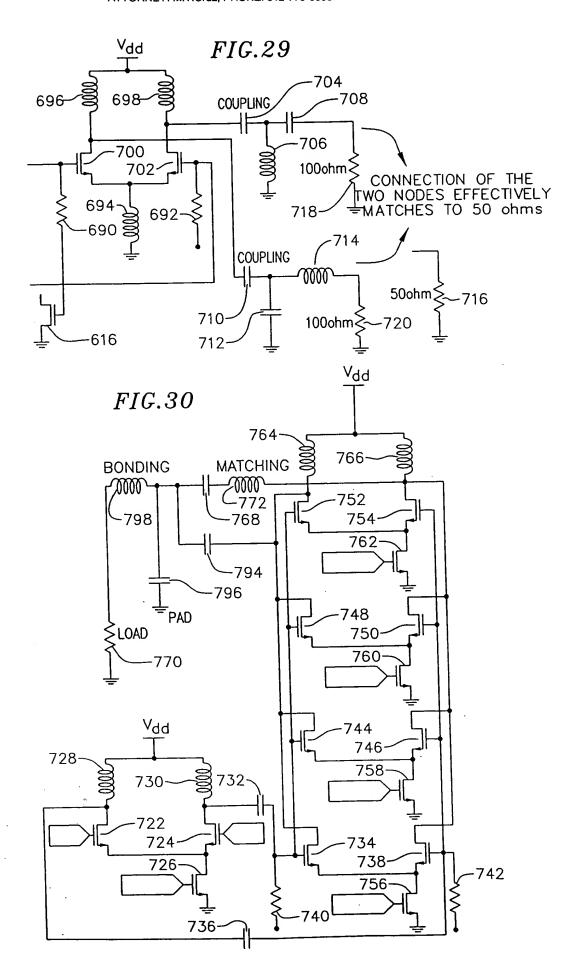


FIG.28 -670 680 678 676 674 Vp4 Vp3 Vp2 Vp1 688 686-684-682 616

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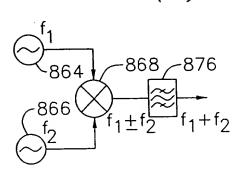
TITLE: Adaptive Radio Transceiver With Polyphase Californ INVE OR: Stephen Wu et al APPLICATION NO.: 09/692,654,





TITLE: Adaptive Radio Transceiver With Polyphase libration
AVENTOR: Stephen Wu et al
APPLICATION NO.: 09/692,654,
CONF. NO. 7167; DOCKET NO. 15266US01
ATTORNEY: M.T.Cruz, PHONE: 312-775-8000

 $FIG.31(\alpha)$



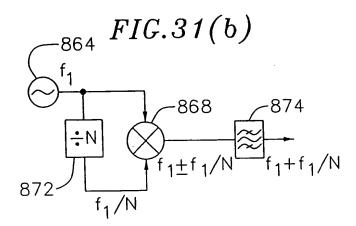


FIG.32

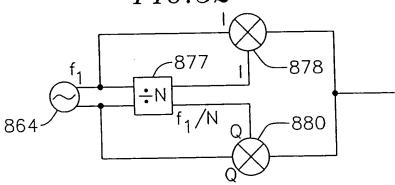
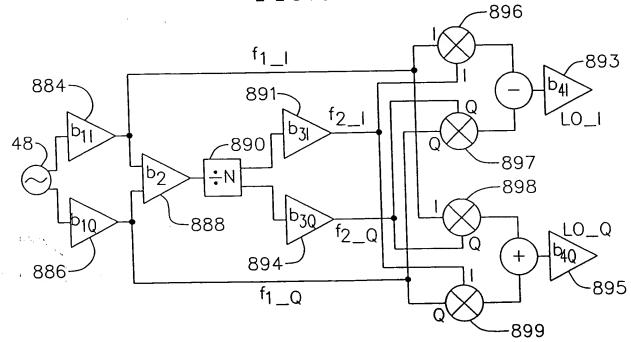


FIG.33





TITLE: Adaptive Radio Transceiver With Polyphase

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 $FIG.33(\alpha)$

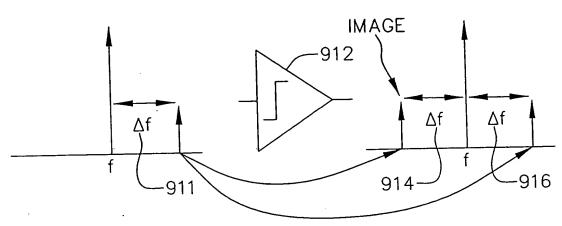
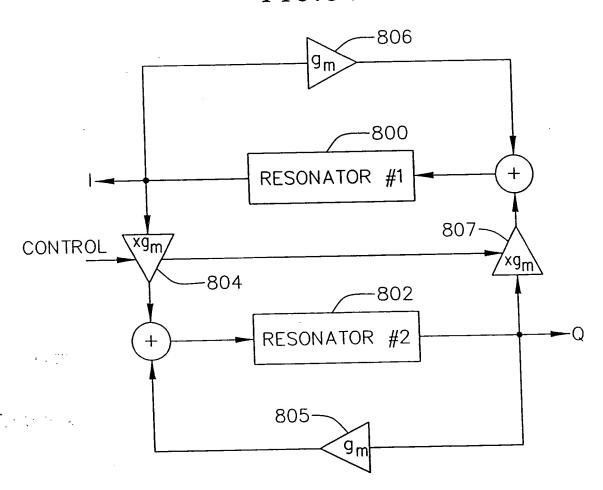


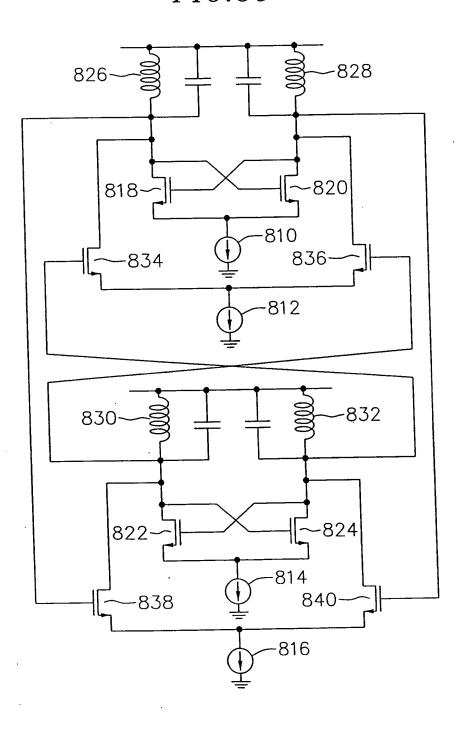
FIG. 34





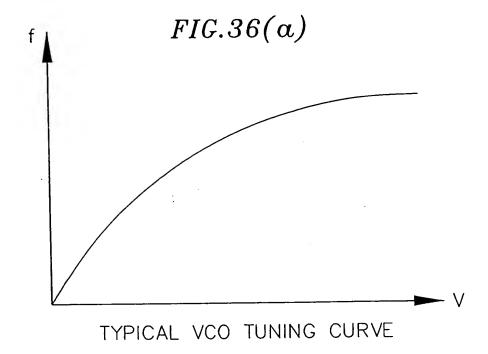
TITLE: Adaptive Radio Transceiver With Polyphase Calibration INVENTOR: Stephen Wu et al APPLICATION NO.: 09/692,654, CONF. NO. 7167; DOCKET NO. 15266US01 ATTORNEY: M.T.Cruz, PHONE: 312-775-8000

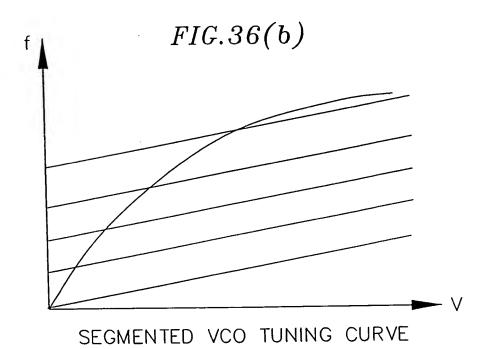
FIG.35





TITLE: Adaptive Radio Transceiver With Polyphase Calibration
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Polyphase Calibration
INVENTOR: Stephen Wu et al.
APPLICATION NO.: 09/692,654,
CONF. NO. 7167; DOCKET NO. 15266US01
ATTORNEY: M.T.Cruz, PHONE: 312-775-8000

 $FIG.37(\alpha)$

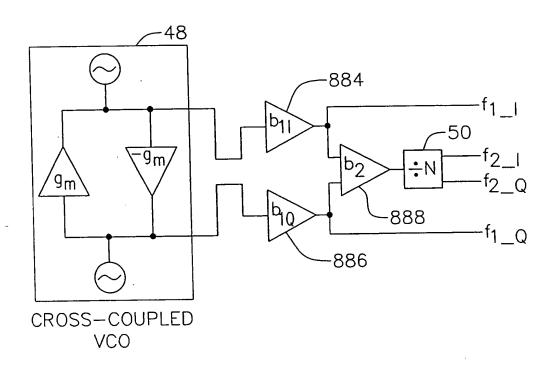
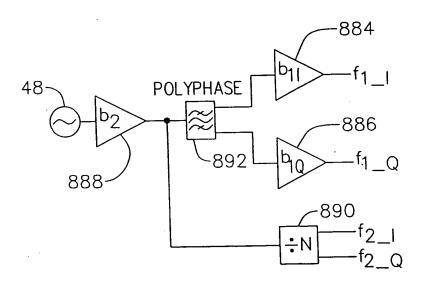


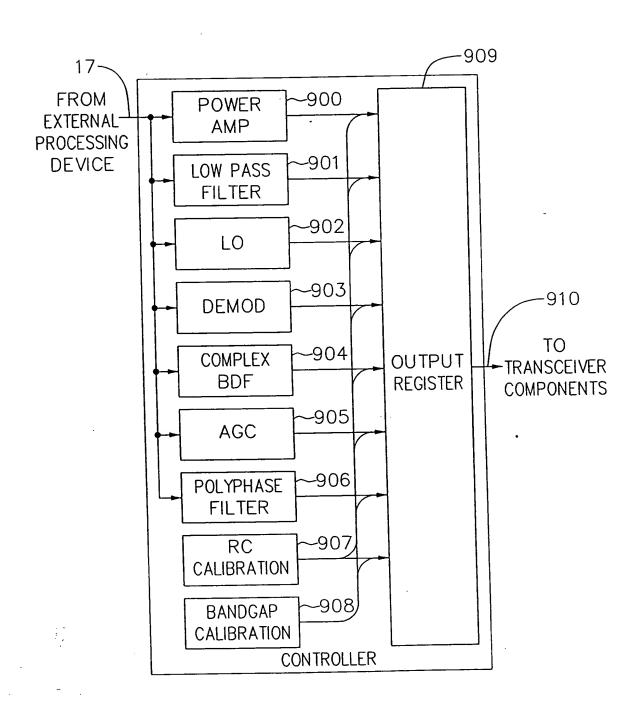
FIG.37(b)



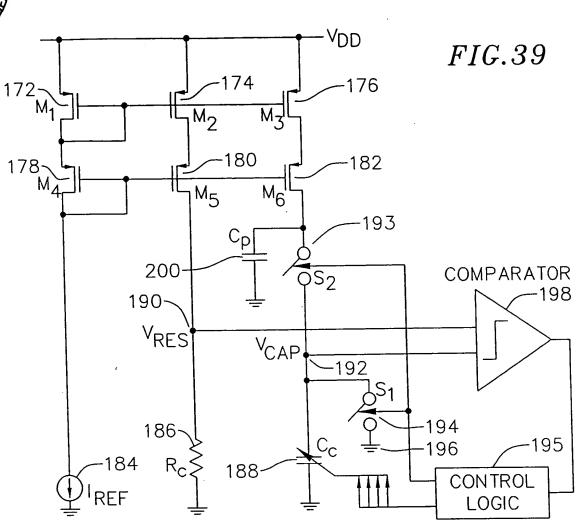


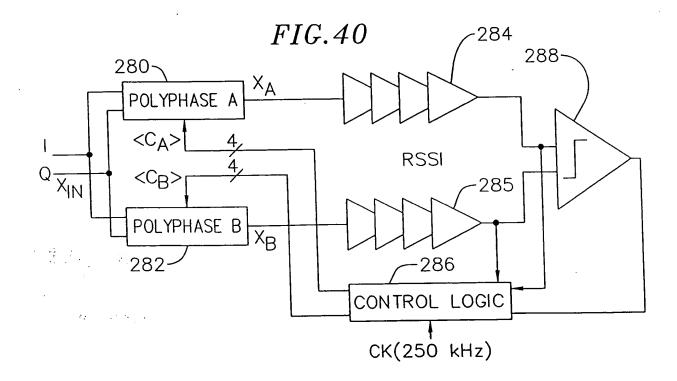
TITLE: Adaptive Radio Transceiver With Polyphase Calibration INVENTOR: Stephen Wu et al.
APPLICATION NO.: 09/692,654,
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FIG.38



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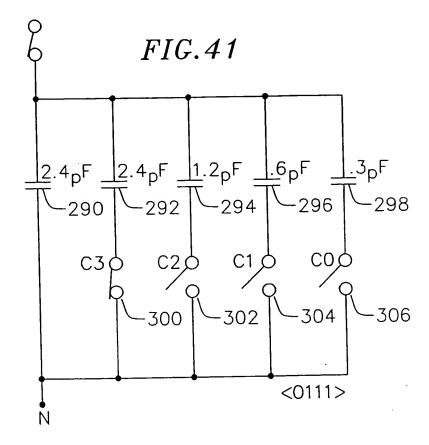


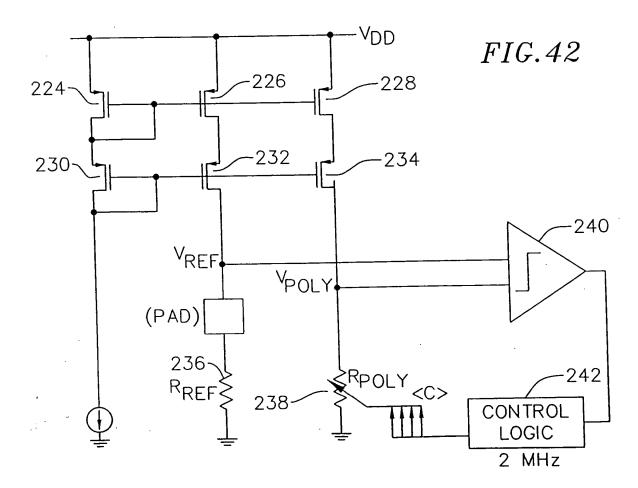


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TITLE: Adaptive Radio Transceiver With Apphase Calibration

APPLICATION NO.: 09/692,654,



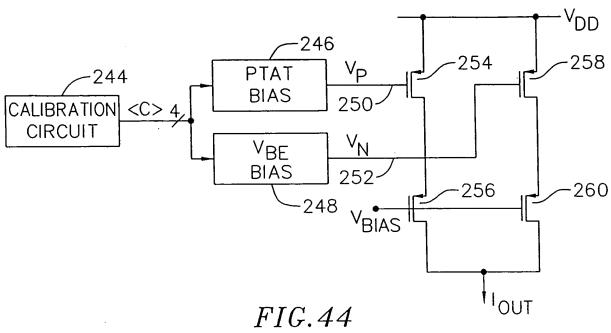




JITLE: Adaptive Radio Transceiver With hyphase Calibration

APPLICATION NO.: 09/692,654, CONF. NO. 7167; DOCKET NO. 15266US01 ATTORNEY: M.T.Cruz, PHONE: 312-775-8000

FIG.43



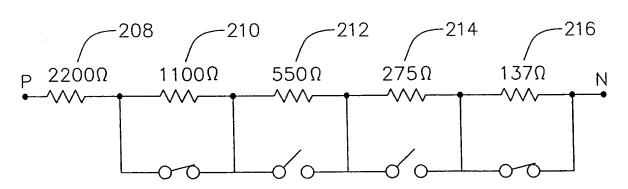
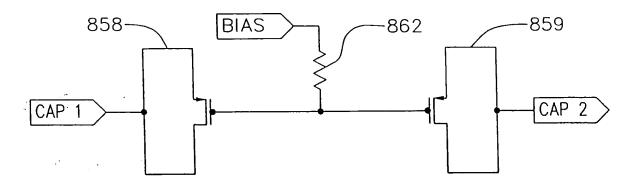


FIG. 45





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